

Title (en)  
Modem device

Title (de)  
Modemvorrichtung

Title (fr)  
Dispositif modem

Publication  
**EP 0539964 B1 19990811 (EN)**

Application  
**EP 92118457 A 19921028**

Priority  
JP 28654191 A 19911031

Abstract (en)  
[origin: EP0539964A2] A modem device enabling a single communication line to be shared by a plurality of terminal units, and needing no switching operation between the terminal units on transmission. In transmission, when a transmission-start request is supplied from a terminal unit of any channel, the state of the other channels are checked. If these other channels are all in idle state, a channel selecting signal for selecting the channel corresponding to the transmission-start request is turned on so as to couple the corresponding terminal unit to a modem section for starting the transmission. In reception, on the other hand, upon receiving a call, priority calling channel information having been set in a predetermined mode register is read out to turn on a channel selecting signal for selecting the channel indicated by that information. As a result, a terminal unit of the channel corresponding to the channel selecting signal is selected to enable the receiving operation. <IMAGE>

IPC 1-7  
**H04M 11/06**; **H04L 27/00**; **H04L 29/06**

IPC 8 full level  
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